MarketVector™ Indexes

FACTSHEET

# BlueStar® US Machine Learning and Quantum Computing Index

The BlueStar® US Machine Learning and Quantum Computing Index (BUQFC) tracks the performance of the largest and most liquid US Exchange-listed companies in the quantum computing and machine learning industries. This is a modified market cap-weighted index, and only includes companies that generate at least 50% of their revenue from products and services related to quantum computing or machine learning, such as the development or use of quantum computers or computing chips, superconducting materials, applications built on quantum computers, embedded artificial intelligence chips, or software that specialize in the perception, collection, visualization, or management of big data.

## Key Features

| | All Time High/Low | 52-Week High/Low |
|---|---|---|
| **Total Return Net Index** | 629.99/86.67 | 629.99/427.67 |

**Size and Liquidity Requirements**
Full MCap of at least 150 mln USD. Three month average-daily-trading volume of at least 1 mln USD at a review and also at the previous two reviews. At least 250,000 shares traded per month over the last six months at a review and also at the previous two reviews.

**Universe**
Companies have to offer products or services related to quantum computing or machine learning technology, and be US listed.

**Diversification**
Companies are equally weighted.

**Review**
Semi-annual in June and December.

## Index Data

**INDEX PARAMETERS**

| | |
|---|---|
| **Launch Date** | 08 Mar 2021 |
| **Type** | Sector |
| **Currency** | USD |
| **Base Date** | 18 Dec 2015 |
| **Base Value** | 100.00 |

| | |
|---|---|
| **Components** | 50 |
| **Volatility** (250 days) | 21.20 |
| **Full MCap** bn USD | 10,115.49 |
| **Float MCap** bn USD | 8,297.15 |
| **Correlation*** (250 days) | 0.00 |

*-

**FUNDAMENTALS***

| | |
|---|---|
| **Price/Earnings Trailing** | 134.98 |
| **Price/Book** | 3.72 |
| **Price/Sales** | 3.57 |
| **Price/Cash Flow** | 15.86 |
| **Dividend Yield** | 0.97 |

*as of 31 Mar 2024

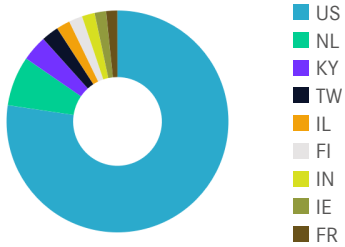
**ANNUALISED PERFORMANCE***

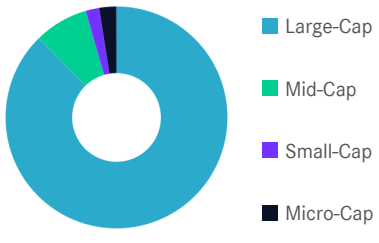
| | |
|---|---|
| **1 Month** | -6.92% |
| **1 Year** | 24.58% |
| **3 Years** | 5.81% |
| **5 Years** | 19.14% |
| **7 Years** | 23.11% |

*Total Return Net Index

## Country and Size Weightings

| Country | Count | Weight |
|---|---|---|
| United States | 37 | 77.34% |
| Netherlands | 4 | 7.27% |
| Cayman Islands | 3 | 3.73% |
| Taiwan | 1 | 2.52% |
| Israel | 1 | 2.00% |
| Finland | 1 | 1.96% |
| India | 1 | 1.87% |
| Ireland | 1 | 1.66% |
| France | 1 | 1.65% |




| Size | Count | Weight |
|---|---|---|
| Large-Cap ( > 6 bn) | 42 | 87.69% |
| Mid-Cap (1.5 bn - 6 bn) | 5 | 7.81% |
| Small-Cap (0.2 bn - 1.5 bn) | 1 | 1.97% |
| Micro-Cap (0.0 bn - 0.2 bn) | 2 | 2.52% |

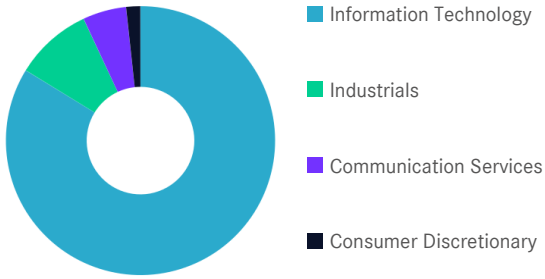
MarketVector™ Indexes

FACTSHEET

# BlueStar® US Machine Learning and Quantum Computing Index

## Sector Weightings

| Sector | Count | Weight |
|---|---|---|
| Information Technology | 41 | 83.76% |
| Industrials | 5 | 9.29% |
| Communication Services | 3 | 5.25% |
| Consumer Discretionary | 1 | 1.71% |




## Index Components

| Top Components by Weight | Country | Weight |
|---|---|---|
| MICROSTRATEGY INC-CL A | US | 4.37% |
| NVIDIA CORP | US | 3.27% |
| MICRON TECHNOLOGY INC | US | 2.82% |
| TAIWAN SEMICONDUCTOR-SP ADR | TW | 2.52% |
| MKS INSTRUMENTS INC | US | 2.49% |
| APPLIED MATERIALS INC | US | 2.45% |
| COHERENT CORP | US | 2.35% |
| ONTO INNOVATION INC | US | 2.34% |
| ADVANCED MICRO DEVICES | US | 2.34% |
| MARVELL TECHNOLOGY INC | US | 2.34% |
| LAM RESEARCH CORP | US | 2.33% |
| ASML HOLDING NV-NY REG SHS | NL | 2.32% |
| **Subtotal** | | 31.93% |

| Best Performing Components | YTD | 1 Day |
|---|---|---|
| ORANGE S.A. | -2.19% | 1.27% |
| ALPHABET INC-CL A | 11.30% | 0.69% |
| LOCKHEED MARTIN CORP | 1.36% | 0.38% |
| NORTHROP GRUMMAN CORP | -3.05% | 0.38% |
| ACCENTURE PLC-CL A | -9.68% | 0.19% |

| Worst Performing Components | YTD | 1 Day |
|---|---|---|
| ASML HOLDING NV-NY REG SHS | 20.08% | -7.09% |
| ARQIT QUANTUM INC | 4.43% | -6.59% |
| LATTICE SEMICONDUCTOR CORP | 1.78% | -6.46% |
| ADVANCED MICRO DEVICES | 4.48% | -5.78% |
| LAM RESEARCH CORP | 16.71% | -5.29% |

## Symbols

| | Symbol | ISIN | WKN | Sedol | Bloomberg | Reuters | Telekurs |
|---|---|---|---|---|---|---|---|
| **Price Index** | BUQFC | DE000SL0C6P6 | SL0C6P | BMV3647 | BUQFC | .BUQFC | 110355584 |
| **Total Return Net** | BUQFCNTR | DE000SL0C6Q4 | SL0C6Q | BMV3658 | BUQFCNTR | .BUQFCNTR | 110355586 |
| **Total Return Gross** | - | - | - | - | - | - | - |

For further information visit www.marketvector.com

Nothing on this factsheet shall be considered a solicitation to buy or an offer to sell a security, or any other product or service, to any person in any jurisdiction where such offer, solicitation, purchase or sale would be unlawful under the laws of such jurisdiction. Neither MarketVector Indexes GmbH nor any of its licensors makes any warranties or representations, express or implied, to the user with respect to any of the data contained herein. The data is provided for informational purposes only, and the Company shall not be responsible or liable for the accuracy, usefulness or availability of any information transmitted or made available through it. The MarketVector™ family of indexes (MarketVector™, Bluestar®, MVIS®) is protected through various intellectual property rights and unfair competition and misappropriation laws. MVIS® is a registered trademark of Van Eck Associates Corporation that has been licensed to MarketVector Indexes GmbH. MarketVector™ and MarketVector Indexes™ are pending trademarks of Van Eck Associates Corporation. BlueStar®, BlueStar Indexes®, BIGI® and BIGITech® are trademarks of MarketVector Indexes GmbH. You require a licence to launch any product whose performance is linked to the value of a particular MarketVector™ Index and for all use of the MarketVector™ name or name of the MarketVector™ Index in the marketing of the product.